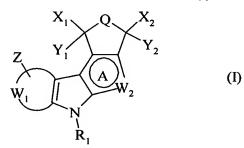
CLAIMS

CLAIMS 1-21 (CANCELED)

22- (NEW) A compound selected from those of formula (I):



wherein:

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- A represents a saturated or partially or fully unsaturated 6 membered ring, wherein the unsaturation optionally confers aromaticity on the ring,
- **Z** represents one or more identical or different groups of formula U-V wherein:
 - ✓ U represents a single bond, linear or branched (C₁-C₆)alkylene optionally substituted by one or more identical or different groups selected from halogen and hydroxy and/or optionally containing one or more unsaturated bonds,
 - ✓ V represents a group selected from hydrogen, halogen, cyano, nitro, azido, linear or branched (C₁-C₆)alkyl, aryl, aryl(C₁-C₆)alkyl in which the alkyl moiety may be linear or branched, hydroxy, linear or branched (C₁-C₆)alkoxy, aryloxy, aryl(C₁-C₆)-alkoxy in which the alkoxy radical may be linear or branched, formyl, carboxy, aminocarbonyl, NR₃R₄, -C(O)-T₁, -C(O)-NR₃-T₁, -NR₃-C(O)-T₁, -O-C(O)-T₁, -C(O)-O-T₁, -O-T₂-NR₃R₄, -O-T₂-OR₃, -O-T₂-CO₂R₃, -NR₃-T₂-NR₃R₄, -NR₃-T₂-OR₃, -NR₃-T₂-CO₂R₃, and -S(O)₁-R₃, wherein:
 - ⇒ R₃ and R₄, which may be identical or different, each represents a group selected from hydrogen, linear or branched (C₁-C₆)alkyl, aryl, and aryl(C₁-C₆)alkyl in which the alkyl moiety may be linear or branched, or R₃+R₄ together with the nitrogen atom carrying them, form a saturated monocyclic

or bicyclic heterocycle that has from 5 to 10 ring atoms, and which optionally contains in the ring system a second hetero atom selected from oxygen and nitrogen, and which is optionally substituted by a group selected from linear or branched (C_1 - C_6)alkyl, aryl, aryl(C_1 - C_6)alkyl in which the alkyl moiety may be linear or branched, hydroxy, linear or branched (C_1 - C_6)alkylamino, and di(C_1 - C_6)alkylamino in which the alkyl moieties may be linear or branched,

- ⇒ T₁ represents a group selected from linear or branched (C₁-C₆)alkyl which may be optionally substituted by a group selected from -OR₃, -NR₃R₄, -CO₂R₃, -C(O)R₃ and -C(O)NR₃R₄ wherein R₃ and R₄ are as defined hereinbefore; aryl, and aryl(C₁-C₆)alkyl in which the alkyl moiety may be linear or branched; or T₁ represents linear or branched (C₂-C₆)alkenyl optionally substituted by a group selected from -OR₃, -NR₃R₄, -CO₂R₃, -C(O)R₃ and -C(O)NR₃R₄ wherein R₃ and R₄ are as defined hereinbefore,
- \Rightarrow T₂ represents linear or branched (C₁-C₆)alkylene,
- ⇒ t represents integer from 0 to 2 inclusive,
- or Z represents methylenedioxy or ethylenedioxy,
- W₁, together with the carbon atoms to which it is bonded, represents phenyl or pyridyl,
- W₂ represents a group selected from:

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wherein R_6 represents a group selected from hydrogen, linear or branched (C_1 - C_6)alkyl, aryl, aryl(C_1 - C_6)alkyl in which the alkyl moiety may be linear or branched, cycloalkyl,

cycloalkyl(C₁-C₆)alkyl in which the alkyl moiety may be linear or branched, -OR₃, -NR₃R₄, -O-T₂-NR₃R₄, -NR₃-T₂-NR₃R₄, linear or branched (C₁-C₆)hydroxyalkylamino, di((C₁-C₆)hydroxyalkyl)amino in which the alkyl moieties may be linear or branched, -C(O)-R₃ and -NH-C(O)-R₃; or R₆ represents linear or branched (C₁-C₆)alkylene substituted by one or more identical or different groups selected from halogen, cyano, nitro, -OR₃, -NR₃R₄, -CO₂R₃, -C(O)R₃, linear or branched (C₁-C₆)hydroxyalkylamino, di((C₁-C₆)hydroxyalkyl) amino in which the alkyl moieties may be linear or branched, and -C(O)-NHR₃, R₃, R₄ and T₂ being as defined hereinbefore,

- X₁ represents a group selected from hydrogen, hydroxy, linear or branched (C₁-C₆)alkoxy, mercapto and linear or branched (C₁-C₆)alkylthio,
- Y₁ represents hydrogen, or

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- X_1 and Y_1 , with the carbon atom carrying them, form carbonyl or thiocarbonyl,
- X₂ represents a group selected from hydrogen, hydroxy, linear or branched (C₁-C₆)alkoxy, mercapto and linear or branched (C₁-C₆)alkylthio,
- Y₂ represents hydrogen, or
- X₂ and Y₂, with the carbon atom carrying them, form carbonyl or thiocarbonyl group,
- R₁ represents a group selected from hydrogen, a linear or branched (C₁-C₆)alkyl which may be optionally substituted by one or more groups selected from hydroxy, linear or branched (C₁-C₆)alkoxy, linear or branched (C₁-C₆)hydroxyalkoxy or NR₃R₄, the groups R₃ and R₄ being as defined hereinbefore; or R₁ represents a group of formula C(O)-O-T₃ wherein T₃ represents a group selected from lineare or branched (C₁-C₆)alkyl, aryl and aryl(C₁-C₆)alkyl in which the alkyl moiety may be linear or branched; or R₁ represents a group of formula (a):

wherein:

- ✓ R_a, R_b, R_c and R_d, which may be identical or different, each represents, independently of the others, a bond or a group selected from hydrogen, halogen, hydroxy, linear or branched (C₁-C₆)alkoxy, aryloxy, aryl(C₁-C₆)alkoxy in which the alkoxy moiety may be linear or branched, linear or branched (C₁-C₆)alkyl, aryl(C₁-C₆)alkyl in which the alkyl moiety may be linear or branched, aryl, -NR₃R₄ wherein R₃ and R₄ are as defined hereinbefore, azido, -N=NR₃ (wherein R₃ is as defined hereinbefore), and -O-C(O)-R₅ wherein R₅ represents linear or branched (C₁-C₆)alkyl (optionally substituted by one or more groups selected from halogen, hydroxy, amino, linear or branched (C₁-C₆)alkylamino, and di(C₁-C₆)alkylamino in which the alkyl moieties may be linear or branched); or R₅ represents aryl, aryl(C₁-C₆)alkyl in which the alkyl moiety may be linear or branched, cycloalkyl or heterocycloalkyl,
- ✓ $\mathbf{R_e}$ represents methylene (H₂C=) or a group of the formula $-U_1-R_a$ wherein U_1 represents single bond, methylene and R_a is as defined hereinbefore,
- \checkmark n is 0 or 1.

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it being understood that the group of formula (a) is bonded to the nitrogen atom by R_a , R_b , R_c , R_d or R_e ,

• Q represents a group selected from oxygen, NR₂ wherein R₂ represents a group selected from hydrogen, linear or branched (C₁-C₆)alkyl, aryl, aryl(C₁-C₆)alkyl in which the alkyl moiety may be linear or branched, cycloalkyl, cycloalkyl(C₁-C₆)alkyl in which the alkyl moiety may be linear or branched, -OR₃, -NR₃R₄, -O-T₂-NR₃R₄, -NR₃-T₂-NR₃R₄, linear or branched (C₁-C₆)hydroxyalkylamino, di((C₁-C₆)hydroxyalkyl)amino in which the alkyl moieties may be linear or branched, -C(O)-R₃ and -NH-C(O)-R₃; or R₂ represents linear or branched (C₁-C₆)alkylene substituted by one or more identical or different groups selected from halogen, cyano, nitro, -OR₃, -NR₃R₄, -CO₂R₃, -C(O)R₃, linear or branched (C₁-C₆)hydroxyalkylamino, di((C₁-C₆)hydroxyalkyl)amino in which the alkyl moieties may be linear or branched, and -C(O)-NHR₃, R₃, R₄ and T₂ being as defined hereinbefore,

it being understood that:

when $W_{1,}$ together with the carbon atoms to which it is bonded, represents an unsubstituted phenyl or phenyl substituted by bromine, R_1 represents a group selected from hydrogen,

and glucopyranosyl or (2,3,4,6-tetra-O-benzyl-glucopyranosyl) and, R_2 represents hydrogen, then W_2 represents a group selected from:

$$; \qquad \stackrel{R_6}{\searrow} ; \qquad \vdots \qquad \vdots \qquad \vdots$$

wherein R₆ is as defined hereinbefore,

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when W_1 , together with the carbon atoms to which it is bonded, represents an unsubstituted phenyl, R_1 represents hydrogen and R_2 represents methyl, then W_2 represents a group selected from:

wherein R₆ is as defined hereinbefore,

and aryl may be a phenyl, naphthyl, dihydronaphthyl, tetrahydronaphthyl, indenyl or indanyl group, each of those groups optionally being substituted by one or more identical or different substituents selected from halogen, linear or branched (C_1 - C_6)alkyl, linear or branched (C_1 - C_6)trihaloalkyl, hydroxy, linear or branched (C_1 - C_6)alkoxy, and NR₃R₄, wherein R₃ and R₄ are as defined hereinbefore.

<u>23</u>- (NEW) A compound of Claim 22, wherein X_1 and Y_1 , with the carbon atom carrying them, together form carbonyl, and X_2 and Y_2 , with the carbon atom carrying them, together form carbonyl.

24- (NEW) A compound of Claim 22, wherein Q represents -NR2.

25-(NEW) A compound of Claim 22, which is a compound of formula (IA):

5 <u>26</u>- (NEW) A compound of Claim 22, which is a compound of formula (IB):

$$Z \xrightarrow{N \atop N} O$$

$$Z \xrightarrow{R_2 \atop N \atop N} O$$

$$R_1 \qquad (IB)$$

27- (NEW) A compound of Claim 22, which is a compound of formula (IC):

$$Z = \bigvee_{N = 1}^{R_2} \bigcap_{N = 1}^{N} O$$

$$Z = \bigvee_{N = 1}^{N} \bigcap_{N = 1}^{N} O$$

$$Z = \bigvee_{N = 1}^{N} \bigcap_{N = 1}^{N} O$$

$$Z = \bigvee_{N = 1}^{N} \bigcap_{N = 1}^{N} O$$

28- (NEW) A compound of Claim 22, which is a compound of formula (ID):

29- (NEW) A compound of Claim 22, which is a compound of formula (IE):

$$Z \xrightarrow{R_2 \atop N} Q$$

$$Z \xrightarrow{R_1} Q$$

$$R_1 \qquad (IE)$$

30- (NEW) A compound of Claim 22, which is a compound of formula (IF):

$$Z \xrightarrow{N \atop N} R_6 \quad (IF)$$

31- (NEW) A compound of Claim 22, which is a compound of formula (IG):

32- (NEW) A compound of Claim 22, which is a compound of formula (IH):

$$Z \xrightarrow{N \atop N} O$$

$$Z \xrightarrow{N \atop N \atop N} (IH)$$

33- (NEW) A compound of Claim 22, which is a compound of formula (II):

$$Z \xrightarrow{N \atop N} N$$

$$R_1$$

$$(II)$$

34- (NEW) A compound of Claim 22, which is a compound of formula (IJ):

35- (NEW) A compound of Claim 22, which is a compound of formula (IK):

$$Z \xrightarrow{N \longrightarrow N} O$$

$$Z \xrightarrow{N \longrightarrow N} N$$

$$R_1$$

$$(IK)$$

36- (NEW) A compound of Claim 22, which is a compound of formula (IL):

$$Z \xrightarrow{N \longrightarrow N} O$$

$$R_1$$
(IL)

<u>37</u>- (NEW) A compound of Claim 22, wherein R_1 represents hydrogen, C(O)-O- T_3 wherein T_3 represents linear or branched (C_1 - C_6)alkyl or a glucopyranosyl group of formula:

5 <u>38- (NEW)</u> A compound of Claim 22, wherein R₂ represents hydrogen or linear or branched (C₁-C₆) alkyl.

39- (NEW) A compound of Claim 22, wherein R₆ represents hydrogen.

40- (NEW) A compound of Claim 22 which is selected from:

> pyrrolo[3',4':5,6]indolizino[8,7-b]indole-1,3[2*H*,8*H*]-dione,

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- > 11-bromopyrrolo[3',4':5,6]indolizino[8,7-b]indole-1,3[2*H*,8*H*]-dione,
 - > 11-chloropyrrolo[3',4':5,6]indolizino[8,7-b]indole-1,3[2H,8H]-dione, and
 - > imidazo[2',1':6,1]pyrrolo[3',4':4,5]pyrido[2,3-b]indole-1,3(2H,8H)-dione.

41- A method for treating a living animal body, including a human, afflicted with cancer comprising the step of administering to the living body, including a human an amount of a compound of Claim 22, which is effective for alleviation of cancer

42- A pharmaceutical composition useful in treating cancer comprising as active principle an effective amount of a compound of Claim 22, together with one or more pharmaceutically acceptable excipients or vehicles.